

Claims

- [1] A vacuum cleaner, comprising:
a suction head being installed at a front end of a suction path for sucking substances by a vacuum pressure generated by a suction motor, and having a suction hole for sucking the substances on its bottom;
a brush installed on the suction hole of the suction head, and rotated to contact the bottom; and
a hair tunnel formed on the suction head not to interfere with the brush, for preferentially sucking thin and long substances from the bottom.
- [2] The vacuum cleaner of claim 1, wherein the hair tunnel is linked to the front end of the suction path through a path isolated from the path for linking the suction hole to the front end of the suction path in the suction head.
- [3] The vacuum cleaner of claim 2, wherein the inlet unit of the hair tunnel surrounds the suction hole.
- [4] The vacuum cleaner of claim 2, wherein the inlet unit of the hair tunnel is installed at the front and/or rear portion of the suction hole in the general suction head progress direction.
- [5] The vacuum cleaner of any one of claims 1 to 4, wherein a sweeper is installed at the inlet unit of the hair tunnel, for preferentially sucking the thin and long substances from the bottom to the hair tunnel.
- [6] The vacuum cleaner of claim 5, wherein the sweeper comprises a first sweeper partially downwardly protruded from the bottom surface of the end of the inlet unit of the hair tunnel far from the suction hole, and a second sweeper downwardly protruded from the bottom surface of the end of the inlet unit of the hair tunnel close to the suction hole.
- [7] The vacuum cleaner of claim 6, wherein the second sweeper is formed in a group bristle shape with a predetermined width.
- [8] The vacuum cleaner of claim 6, wherein the first and second sweepers are formed in a comb-tooth shape.
- [9] The vacuum cleaner of claim 8, wherein the interval of the comb teeth of the second sweeper is smaller than that of the comb teeth of the first sweeper.
- [10] The vacuum cleaner of claim 9, wherein the comb teeth of the first sweeper are longer than those of the second sweeper.
- [11] The vacuum cleaner of claim 10, wherein some of the comb teeth of the first

sweeper comprise a support member for reducing an operation resistance by the first sweeper.